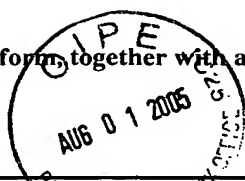


PART B - FEE(S) TRANSMITTAL

Complete and send this form together with applicable fee(s), to: MailMail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
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20987 7590 05/06/2005
VOLENTINE FRANCOS & WHITT, P.L.L.C.
ONE FREEDOM SQUARE
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RESTON, VA 20190

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08/02/2005 HBEYENE2 00000111 10698383

01 FC:1501 1400.00 OP
02 FC:1504 300.00 OP
03 FC:8001 12.00 OP

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/698,383	11/03/2003	Chang-Kyung KIM Chan-Kyung KIM	SEC.1052	2722

TITLE OF INVENTION:

DELAYED TAP SIGNAL GENERATING CIRCUIT FOR CONTROLLING DELAY BY INTERPOLATING
TWO INPUT CLOCKS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	08/08/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, MINH T.	2816	327-270000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Volentine Francos & Whitt, PLLC
2
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Samsung Electronics Co., Ltd.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Suwon-si, Gyeonggi-do, Republic of Korea

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

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- ☒ Publication Fee (No small entity discount permitted)
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

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Authorized Signature

Date 01 August 2005

Typed or printed name Kenneth D. Springer

Registration No. 39,843

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity) (37 C.F.R. 1.311)	Docket No. SEC.1052
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Applicant(s): Chan-Kyung KIM

Application No. 10/698,383	Filing Date 03 November 2003	Examiner NGUYEN, Minh T.	Customer No. 20987	Group Art Unit 2816	Confirmation No. 2722
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Invention: DELAYED TAP SIGNAL GENERATING CIRCUIT FOR CONTROLLING DELAY BY INTERPOLATING TWO INPUT CLOCKS

Mail Stop Issue Fee
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Transmitted herewith are the following for the above-identified application.

- ☒ Issue Fee Transmittal Form PTOL-85
- ☒ Utility Fee: \$ 1400.00 ☐ Design Fee: ☐ Plant Fee:
- ☒ Publication Fee: \$ 300.00
- ☒ A check in the amount of \$1,712.00 is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 50-0238 as described below.
- ☐ Charge the amount of
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Signature

Dated: 01 August 2005

KENNETH D. SPRINGER
Reg. No. 39,843
Volentine Francos & Whitt, P.L.L.C.
One Freedom Square
11951 Freedom Drive, Suite 1260
Reston, VA 20190
Tel. No. 571-283-0720

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